

**Middle School Initiative**

**PART I  
COVER SHEET**

**CAP 1 SEMESTER 2 WEEK 8**

**COURSE:** Arnold Aerospace Education, Achievement 2

**LESSON TITLE:** Module 1 Activities

**LENGTH OF LESSON:** 50 Minutes

**METHOD:** Demonstration - Performance

**REFERENCE(S):** *Aerospace Dimensions*, Module 1, 2000

**AUDIO/VISUAL AIDS/HANDOUTS/ACTIVITY MATERIAL(S):** As Needed

**COGNITIVE OBJECTIVE:** N/A

**COGNITIVE SAMPLES OF BEHAVIOR:** N/A

**AFFECTIVE OBJECTIVE:** The objective is to reinforce the lessons by using experiments to demonstrate the various principles.

**AFFECTIVE SAMPLES OF BEHAVIOR:** Each cadet will willingly participate in the experiments shown in *Aerospace Dimensions*, Module 1.

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### **PART II TEACHING PLAN**

#### **Introduction**

**ATTENTION:** Are you ready to demonstrate the principles behind the lessons you have learned in Module 1?

**MOTIVATION:** The experiments that we have not used will be covered today. Is there one in particular that you would like to begin with?

**OVERVIEW:** During this period, you will continue learning the lessons in Module 1 by demonstrating the principles of the lessons with experiments listed in Module 1.

#### **Body**

**NOTE:** The instructor should use the experiments listed in Module 1. Use the experiments not previously used during AE classes.

#### **Conclusion**

**SUMMARY:** We have demonstrated the various principles by using the experiments shown in Module 1.

**REMOTIVATION:** By using an experiment, you have seen the various principles come to life and how they affect the powered airplane, the glider and the balloon.

**CLOSURE:** Next week, we use the questions in the Study Guide to quiz each other. **Any questions? See you next week!**

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**PART III  
LESSON REVIEW**

**LESSON OBJECTIVE(S):** The objective was to reinforce the lessons by using experiments to demonstrate the various principles

**LESSON QUESTIONS:** None